96-110 ANTI-STAPH (HAY) HEAVY CHAIN VARIABLE REGION (TYPE IIIA)

```
GAAGTGATGCTGGTGGAGTCTGGTGGAGGATTGGTGCAGCCTAAAGGGGTCAAGGGTCAGCCTCTGGATTCACCTTCAAT
E  V  M  L  V  E  S  G  G  G  L  V  Q  P  K  G  S  L  K  L  S  C  A  A  S  G  F  T  F  N

AACTACGCCATGAAT TGGGTCCGCCAGGCTCCAGGAAAGGGTTTGGAATGGGTTGCT
N  Y  A  M  N   W  V  R  Q  A  P  G  K  G  L  E  W  V  A

CGCATAAGAAGTAAAAGTAATAATTATGCAACATTTTATGCCGATTCAGTGAAAGAC
R  I  R  S  K  S  N  Y  A  T  F  Y  A  D  S  V  K  D

AGGTTCACCATCTCCAGAGATGATTCACAAAGCATGCTCTATCTGCAAATGAACAACTTGAAAACTGAGGACACAGCCATGTATTACTGTGTGAGA
R  F  T  I  S  R  D  D  S  Q  S  M  L  Y  L  Q  M  N  N  L  K  T  E  D  T  A  M  Y  Y  C  V  R

CGGGGGGCTTCAGGATTGACTATGCTATGGACTAC TGGGGTCAAGGAACCTCACTCGTCTCACCGTCTCCTCA  SEQ ID NO. 86
R  G  A  S  G  I  D  Y  A  M  D  Y   W  G  Q  G  T  S  L  T  V  S  S            SEQ ID NO. 87
```

96-110 ANTI-STAPH (HAY) LIGHT CHAIN VARIABLE REGION (TYPE VI)

```
CAAATTGTTCTCTCCCAGTCTCCAGCAATCCTGTCTGCATCCTCCAGGGGAAAAGGTCACAATGACTTGC
Q  I  V  L  S  Q  S  P  A  I  L  S  A  S  P  G  E  K  V  T  M  T  C

AGGGCCAGCTCAAGTGTAAATTACATGCAC
R  A  S  S  S  V  N  Y  M  H

TGGTACCAGCAGAAGCCAGGATCCTCCCCCAAACCCTGGATTTCT GCCACATCCAACCTGGCTTCT
W  Y  Q  Q  K  P  G  S  S  P  K  P  W  I  S   A  T  S  N  L  A  S

GGAGTCCCTGCGCTTCAGTGGCAGTGGGTCTGGGACCTCTTACTCTCTCACAATCAGCAGAGTGGAGGCTGAAGATGCTGCCACTTATTACTGC
G  V  P  A  R  F  S  G  S  G  S  G  T  S  Y  S  L  T  I  S  R  V  E  A  E  D  A  A  T  Y  Y  C

CAGCAGTGGAGTAGTAACCCACCCACG TTCGGAGGGGGGACCATGCTGGAAATAAGA  SEQ ID NO. 88
Q  Q  W  S  S  N  P  P  T   F  G  G  G  T  M  L  E  I  R       SEQ ID NO. 89
```

CDR REGIONS UNDERLINED

FIG. 12